



Horizon 2020
European Union funding
for Research & Innovation



Copernicus
The Copernicus Programme

The Copernicus Academy

Space Hub for Knowledge Exchange,
Innovation and Outreach

62nd Session of the Committee on the
Peaceful Uses of Outer Space

12-21 June 2019

Barbara Riedler, Stefan Lang, Peter Zeil

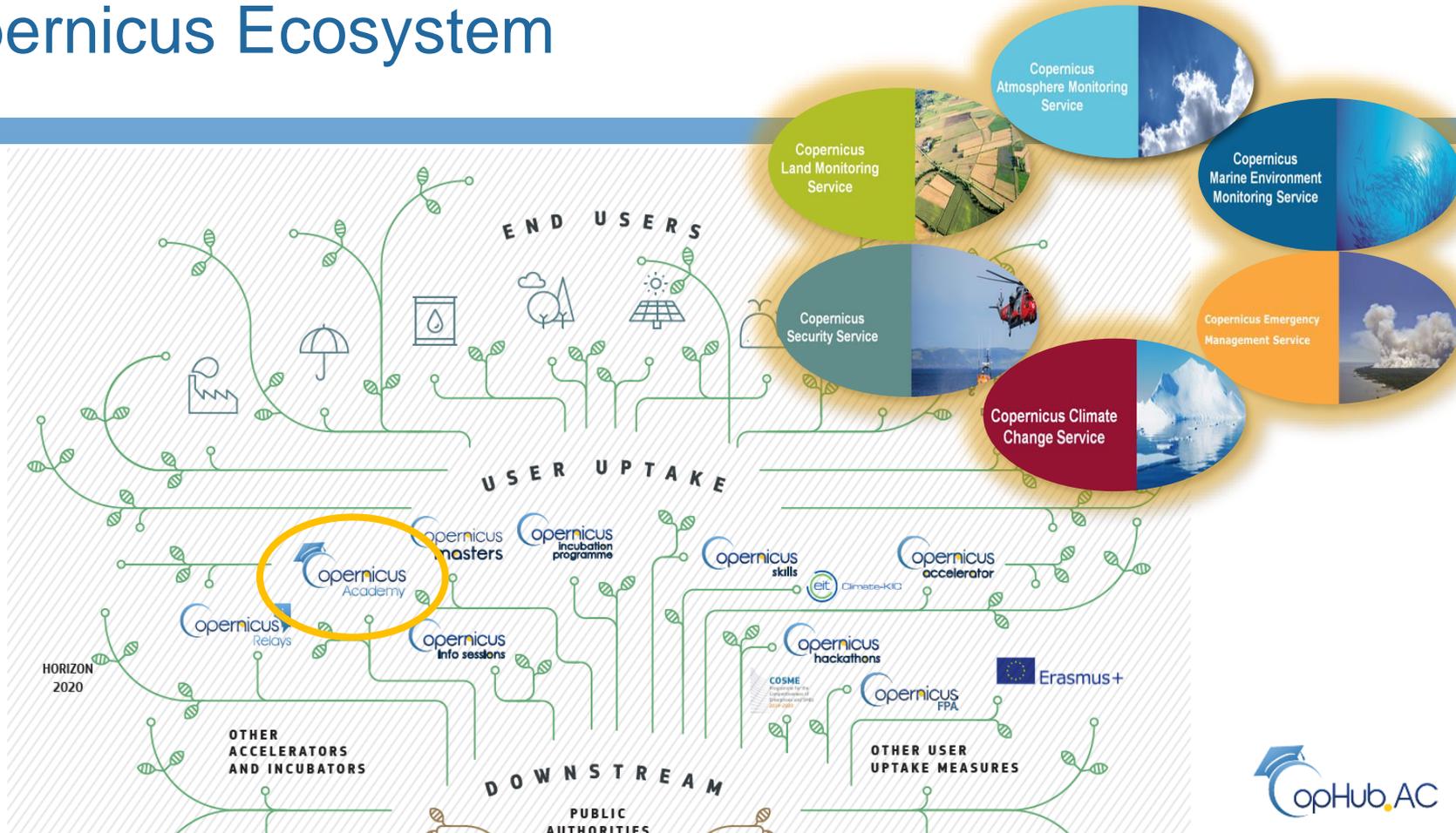


Climate-KIC





Copernicus Ecosystem



Copernicus Academy

- 150+ members
- a **gateway** to Copernicus for all who want to know more, engage, and contribute
- **link** research & academia with authorities & service providers
- facilitates **cooperation** and exchange of ideas
- contribute to the development of the **use of EO** and Copernicus data



Copernicus Academy

Im Rahmen der **Copernicus-Nutzerakzeptanzaktivitäten**, hat die Europäische Kommission die **Copernicus Academy** ins Leben gerufen.

Die Copernicus Academy verbindet europäische Universitäten, Forschungsrichtungen und Wirtschaftshochschulen, ob privat oder gemeinnützig, in den Teilnehmerländern des Programms und darüber hinaus. Ziel des Netzwerks ist es, Forschungs- und akademische Einrichtungen mit Behörden und Dienstleistern zu vernetzen, Verbundforschung zu erleichtern, Vorträge, Schulungen, Praktika sowie Bildungs- und Ausbildungsmaterial zu entwickeln, um die nächste Generation von Forschern, Wissenschaftlern und Unternehmern mit geeigneten Kompetenzen in die Lage zu versetzen, Copernicus-Daten- und Informationsdienste optimal zu nutzen.



Die Copernicus Academy arbeitet auch daran, den Austausch von Ideen und bewährten Verfahren über Grenzen und Disziplinen hinweg zu verstärken und gleichzeitig zur Entwicklung der Nutzung von Erdbeobachtungsdaten im Allgemeinen und Copernicus-Daten und -Informationen im Besonderen in verschiedenen öffentlichen oder privaten Nutzerorganisationen oder Branchen beizutragen. Darüber hinaus fördert die Akademie die Zusammenarbeit zwischen Bildungseinrichtungen und etablierten, gewerblichen Betreibern oder Unternehmern, damit Innovationen den Markt erreichen und den Bürgern Europas und der Zukunft unseres Planeten zum Vorteil gereichen können.

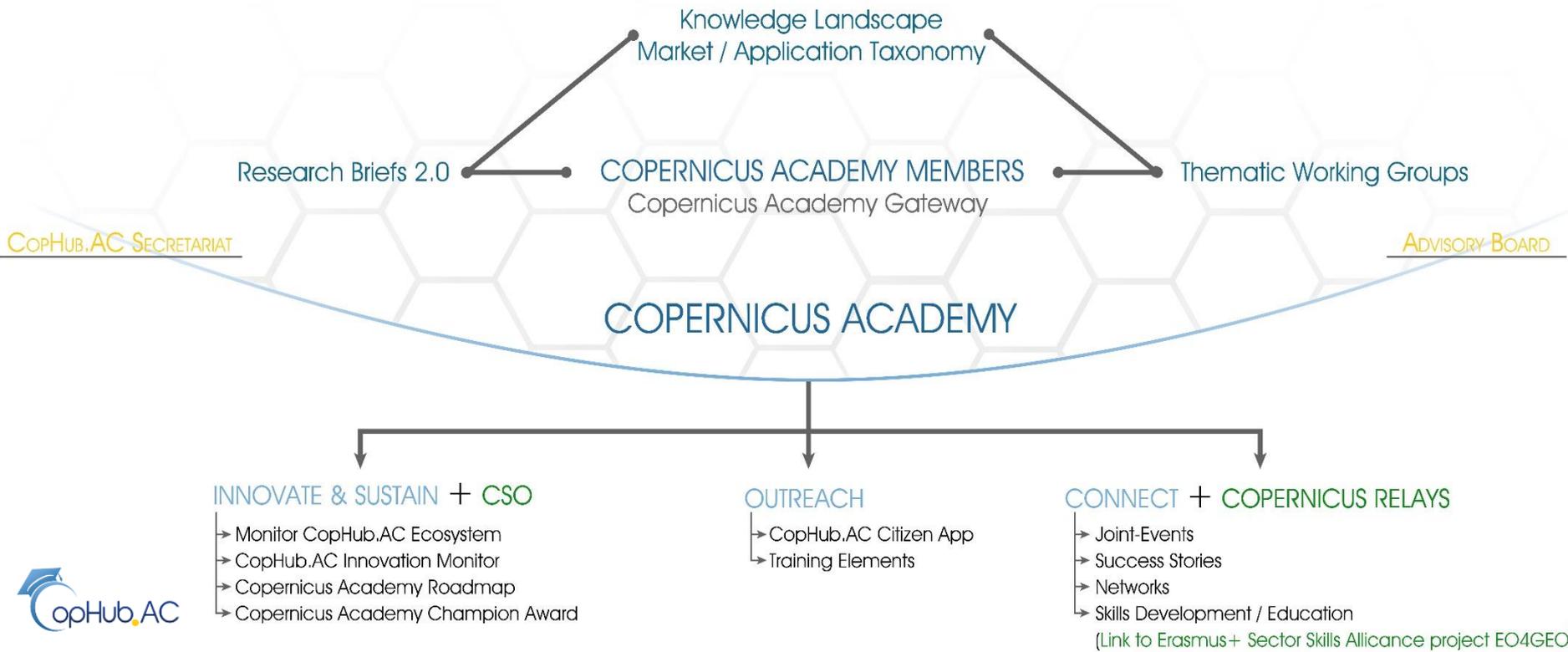
Als integraler Bestandteil der Europäischen Weltraumstrategie hat die Copernicus-Akademie den Ehrgeiz, neue Instrumente zu entwickeln, den Wissensaustausch sowie die grenzüberschreitende und sektorübergreifende Zusammenarbeit zu fördern, um dazu beizutragen, das große Potenzial der Daten und Serviceinformationen von Copernicus Sentinel freizusetzen.

CopHub.AC

- ✓ create a **knowledge** and **innovation hub**
- ✓ to focus and **strengthen R&D activities** in Copernicus-relevant academic fields
- ✓ to **sustain** the **innovation process** from academia to businesses on the highest possible scientific and technical level
- ✓ for a Europe-wide **boost** in demand-driven **uptake** of space technology and geospatial information

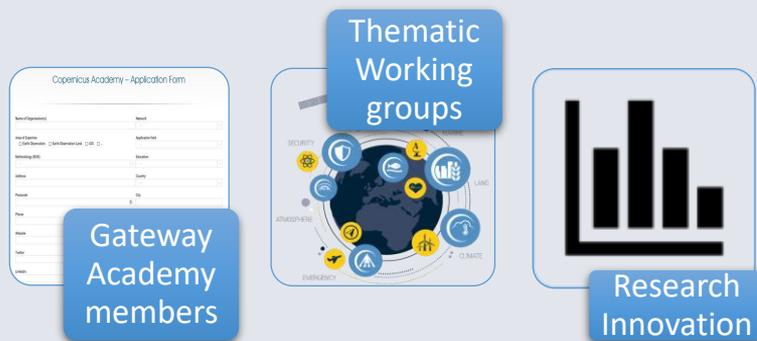


CopHub.AC

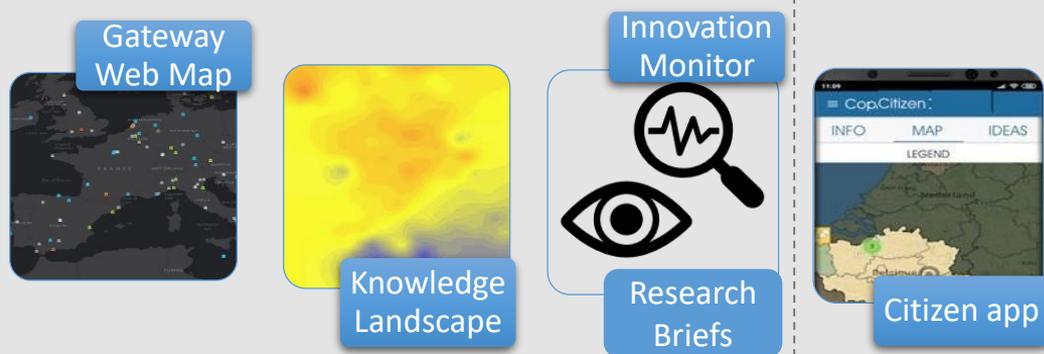


CopHub.AC technical innovations

Data collection network



Information visualization & harvesting



Data collection network



Gateway
Academy
members

Copernicus Academy – Application Form

Name of Organisation(s)	Network
<input type="text"/>	<input type="text"/>
Area of Expertise	Application field
<input type="checkbox"/> Earth Observation <input type="checkbox"/> Earth Observation Land <input type="checkbox"/> GIS <input type="checkbox"/> ...	<input type="text"/>
Methodology (BOK)	Education
<input type="text"/>	<input type="text"/>
Address	Country
<input type="text"/>	<input type="text"/>
Postcode	City
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Phone	Email
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Website	Facebook
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Twitter	Instagram
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Linkedin	YouTube
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Data collection network



Join the Copernicus Academy Working Groups

The Coordination & Support Action CopHub.AC strives to develop and recommend certain elements to support the effective operationalisation of the Academy. To act as the knowledge and innovation hub of the Copernicus Ecosystem, the collective expertise of its members is called for. Towards this objective, the establishment of thematic working groups is envisaged.

The Copernicus Academy Working Groups will initially focus on the six Core Services themes: Atmosphere, Marine, Land, Climate Change, Security and Emergency. The definition of additional horizontal or trans-thematic working groups will be discussed. The general objective of the working groups is to capitalise on the excellence of the Copernicus Academy members to inform the general public, businesses, public authorities and other Copernicus stakeholders in a systematic way about the state-of-the-art and un-tap innovation potentials in their thematic areas. Working group members may launch project ideas and initiatives to be further developed in the frame of the Copernicus Academy, support the Entrusted Entities and the Copernicus Core Services domains with scientific advice, discuss the uptake and commercialisation of research findings and provide expert advice in thematic areas.

In the long-run, the working groups may become fundamental elements of a future Copernicus Academy Hub, to foster exchange and collaboration among the Copernicus Academy members and may even lead to the establishment of thematic Commissions.

Please fill out the application form for EVERY PERSON with special expertise in your institution.

Copernicus Academy Member



Land



Atmosphere



Marine



Emergency



Climate Change



Security

The Copernicus Core Services

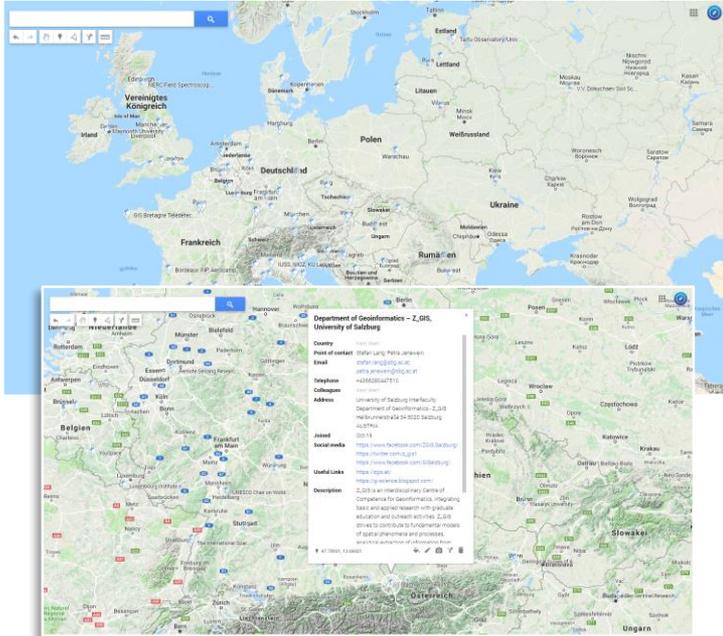
<http://www.cophub-ac.eu/twg/>

Data collection network

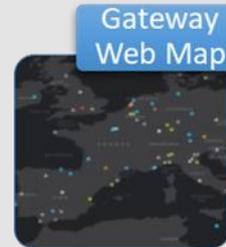


- ✓ individual and institutional research highlights
- ✓ innovation of services

CopHub.AC technical innovations



Information visualization & harvesting



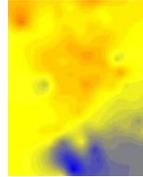
- ✓ information about academy members (including primary application fields and methodological core competences)

CopHub.AC technical innovations

- ✓ illustration of the academy network



- ✓ analytical tool to visualise and search for thematic competences as well as methodological expertise



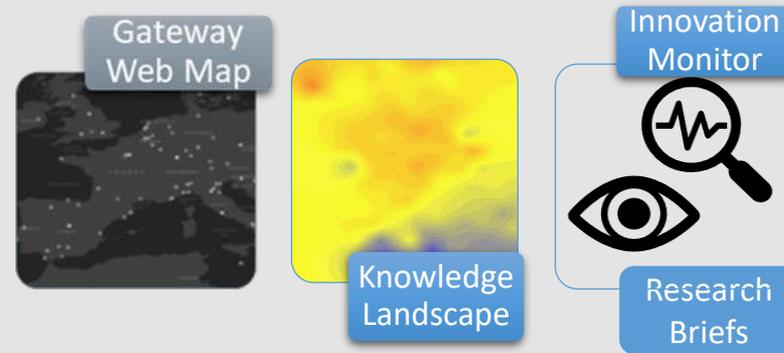
- ✓ dashboard of Copernicus stimulated innovations



- ✓ highlight of (individual) research development



Information visualization & harvesting



Under development ...

CopHub.AC technical innovations



Information visualization & harvesting



Under development ...

- ✓ access to Copernicus information layers
- ✓ interactive involvement of user

CopHub.AC | Get involved

Register to become a Copernicus Academy member

- ✓ learn which other organisations **share** or **complement** your profile or work in similar application domains, using similar technologies
- ✓ participate in **network-wide activities** (dissemination events, capacity building activities, awards, etc.)
- ✓ **support** and **sustain** the Copernicus Academy network
- ✓ for testing the **CopHub.AC Gateway** please visit <http://www.cophub-ac.eu/application> or get in contact for any further information



CopHub.AC | Get involved

Become an active part in the **Thematic Working Groups**

- ✓ **shape the future** of the work in the different thematic areas with your expertise
- ✓ register via the **CopHub.AC website**: <http://www.cophub-ac.eu/twg>

Promote your individual **scientific research and innovation**

- ✓ show your outstanding scientific expertise to a **wide community**
- ✓ check the CopHub.AC website for updates: www.cophub-ac.eu

